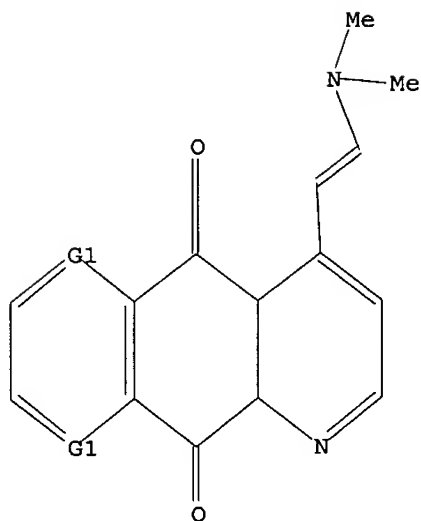


L1 HAS NO ANSWERS  
L1 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:49:12 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 15:49:21 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
148.15	148.36

FILE 'CAPLUS' ENTERED AT 15:49:28 ON 09 MAY 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 9 May 2003 VOL 138 ISS 20  
FILE LAST UPDATED: 8 May 2003 (20030508/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:97447 CAPLUS

DOCUMENT NUMBER: 132:265338

TITLE: Structural studies of cytotoxic marine alkaloids:  
synthesis of novel ring-E analogues of ascididemin and  
their in vitro and in vivo biological evaluation  
AUTHOR(S): Lindsay, Brent S.; Christiansen, Holly C.; Copp, Brent  
R.

CORPORATE SOURCE: Department of Chemistry, University of Auckland,  
Auckland, N. Z.

SOURCE: Tetrahedron (2000), 56(3), 497-505

CODEN: TETRAB; ISSN: 0040-4020

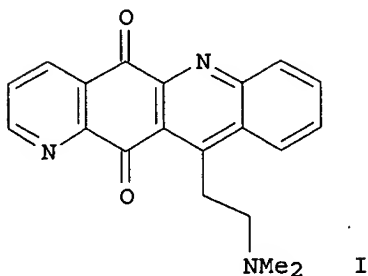
PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 132:265338

GI



AB The cytotoxic marine alkaloid ascididemin and various pyridine ring-E

analogs have been synthesized in an attempt to det. the pharmaceutical utility and structure-activity requirements for the parent alkaloid. All compds. synthesized were evaluated in a wide range of biol. screens for selective cytotoxicity, antiviral, antifungal and antimicrobial properties. Many analogs exhibited selective cytotoxicity to human solid tumor cell-lines in vitro, with I also exhibiting moderate antitumor activity in in vivo xenograft assays.

IT 263359-19-9P, NSC 686556

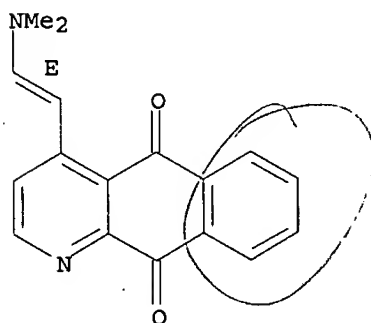
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(structural studies of cytotoxic marine alkaloids: synthesis of novel ring-E analogs of ascididemin and in vitro and in vivo biol. evaluation)

RN 263359-19-9 CAPLUS

CN Benzo[g]quinoline-5,10-dione, 4-[(1E)-2-(dimethylamino)ethenyl]- (9CI)  
(CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT:

46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:634318 CAPLUS

DOCUMENT NUMBER: 117:234318

TITLE: Total synthesis of eupomatidines-1, 2, and 3

AUTHOR(S): Kitahara, Yoshiyasu; Kubo, Akinori

CORPORATE SOURCE: Meiji Coll. Pharm., Tokyo, 154, Japan

SOURCE: Heterocycles (1992), 34(6), 1089-92

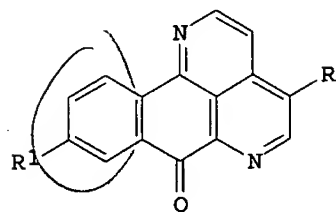
CODEN: HTCYAM; ISSN: 0385-5414

DOCUMENT TYPE: Journal

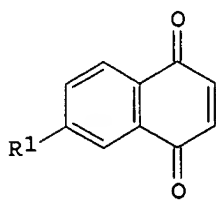
LANGUAGE: English

OTHER SOURCE(S): CASREACT 117:234318

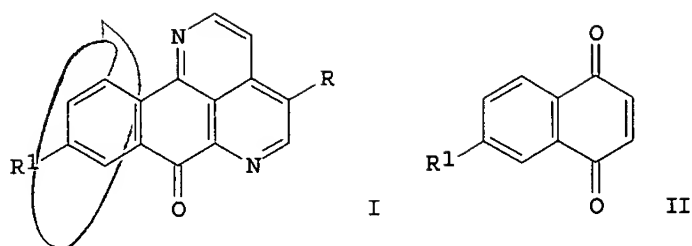
GI



I



II



AB Three arom. alkaloids, eupomatidines-1 (I, R = H, R1 = MeO), 2 (I, R = MeO, R1 = H) and 3 (I, R = R1 = MeO), were synthesized from the corresponding 1,4-naphthoquinones II by hetero Diels-Alder reaction with 2-butenal dimethylhydrazones followed by one pot annulation of ring A.

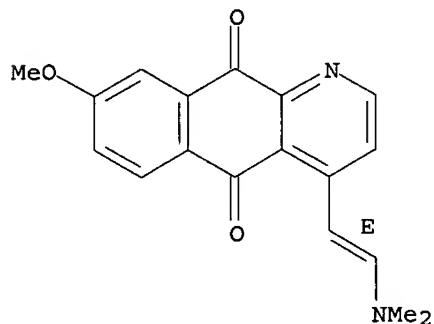
IT 143704-00-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(prepn. and intramol. cyclization of)

RN 143704-00-1 CAPLUS

CN Benzo[g]quinoline-5,10-dione, 4-[2-(dimethylamino)ethenyl]-8-methoxy-, (E) - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
9.49	157.85

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.30	-1.30

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STN INTERNATIONAL LOGOFF AT 15:49:50 ON 09 MAY 2003